


## Process and catalyst for the preparation of bisphenols

Patent Number: FR2685221  
Publication date: 1993-06-25  
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Requested Patent: ☐ [FR2685221](#)  
Application Number: FR19910016139 19911219  
Priority Number(s): FR19910016139 19911219  
IPC Classification: B01J39/20; C07C37/20; C07C39/16  
EC Classification: [B01J31/10](#), [C07C37/20](#), [C07C323/29B](#)  
Equivalents:

### Abstract

Process for the preparation of bisphenols and a catalyst for the said preparation. In its first aspect, the invention relates to a water-insoluble cation-exchange resin bearing a multiplicity of pendent sulphonic acid

groups and a multiplicity of sulphonic acid sites bonded ionically to a group of formula:  in which the mercaptomethyl group (-CH<sub>2</sub>-SH) is in an ortho, meta or para position. This resin is useful as catalyst for the reaction of a phenol with a ketone to produce a bisphenol. In its second aspect, the invention relates to the production of bisphenol A by condensation of phenol and acetone in the presence of the said resin.

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